

1Pw 1743

PTO/SB/21 (04-07)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/591,920
	Filing Date	Sep. 7, 2006
	First Named Inventor	Yoshito TOBE
	Art Unit	1743
	Examiner Name	Yelena G. Gakh
Total Number of Pages in This Submission	Attorney Docket Number	3274-060290

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below)
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	The Webb Law Firm		
Signature			
Printed Name	Kent E. Baldauf		
Date	August 15, 2007	Reg. No.	25,826

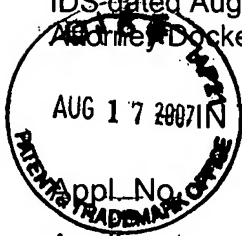
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Appl. No. 10/591,920
IDS dated August 15, 2007
Docket No. 3274-060290



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/591,920 Confirmation No. 5381
Applicants : Yoshito TOBE et al.
Filed : September 7, 2006
Title : Molecular-Wire Type Fluorescent Chiral Sensor
Art Unit : 1743
Examiner : Yelena G. Gakh
Customer No. : 28289

**INFORMATION DISCLOSURE STATEMENT
TRANSMITTED BEFORE MAILING OF FIRST OFFICE ACTION**

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby submit this Information Disclosure Statement together with a completed Form PTO/SB/08.

Reference No. JP 2004-0075624 is cited on page 1 of the instant specification and is equivalent to U.S. Patent Application Publication No. US 2005/0227366. Both references are cited on attached Form PTO/SB/08. The articles listed on attached Form PTO/SB/08 are cited in the instant specification and are relevant for the reasons discussed therein.

This application is the United States national phase of PCT Application No. PCT/JP2004/017675. The International Search Report dated 22 March, 2005, for the underlying PCT application identified the remaining references listed on Form PTO/SB/08. The degree of relevance for the non-English language references listed on Form

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(Name of Person Mailing Document)

Diane Paull

Signature

08/15/2007

Date

PTO/SB/08 is indicated in the International Search Report. A copy of the International Search Report is enclosed for the Examiner's convenience.

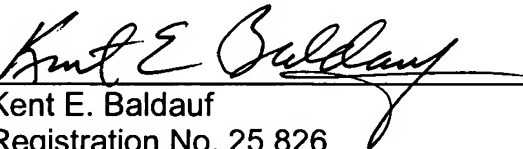
Copies of the references are submitted with this Information Disclosure Statement, with the exception of the two United States references.

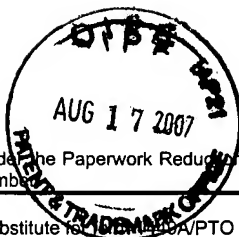
No fee is believed to be due for the filing of this Information Disclosure Statement as it is being submitted before a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-0650.

This Information Disclosure Statement is submitted in duplicate.

Respectfully submitted,

THE WEBB LAW FIRM

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/591,920
				Filing Date	Sep. 7, 2006
				First Named Inventor	Yoshito TOBE
				Art Unit	1743
				Examiner Name	Yelena G. Gakh
Sheet	1	of	2	Attorney Docket Number	3274-060290

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 2005/0227366	10-13-2005	Tobe et al.	
		US- 5,405,975 B1	04-11-1995	Kuhn et al.	
		US-			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
		JP(2004)	2004-75624 A	03-11-2004	Japan Science & Tech	US equivalent '366	
		JP(2003)	2003-292538 A	10-15-2003	Japan Science & Tech	English Abstract attached	
		JP(1998)	10-120914 A	05-12-1998	Mitsubishi Chem Corp	English Abstract attached	
		JP(1995)	7-097450 A	04-11-1995	Mitsubishi Cable Ind	English Abstract attached	
		JP(1986)	61-207414 A	09-13-1986	Ajinomoto KK et al.	English Abstract attached	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/591,920
				Filing Date	Sep. 7, 2006
				First Named Inventor	Yoshito TOBE
				Art Unit	1743
				Examiner Name	Yelena G. Gakh
Sheet	2	of	2	Attorney Docket Number	3274-060290

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SWAGER, TIMOTHY M., "The Molecular Wire Approach to Sensory Signal Amplification", <i>Accounts of Chemical Research</i> , 1998, pp. 201-207, Vol. 31, No. 5, American Chemical Society	
		OHKI, ICHIRO and TOBE, YOSHITO, "High Sensitive Sensors Using Molecular Wires", <i>Chemistry</i> , 2001, pp. 62-63, Vol. 56, with partial English translation	
		ZHOU, QIN and SWAGER, TIMOTHY M., "Methodology for Enhancing the Sensitivity of Fluorescent Chemosensors: Energy Migration in Conjugated Polymers", <i>Journal American Chemical Society</i> , 1995, pp. 7017-7018, Vol. 117, American Chemical Society	
		ZHOU, QIN and SWAGER, TIMOTHY M., "Fluorescent Chemosensors Based on Energy Migration I Conjugated Polymers: The Molecular Wire Approach to Increased Sensitivity", <i>Journal American Chemical Society</i> , 1995, pp. 12593-12602, Vol. 117, American Chemical Society	
		CRAWFORD, KHUSHRAV B.; GOLDFINGER, MARC B.; and SWAGER, TIMOTHY M., "Na ⁺ Specific Emission Changes in an Ionophoric Conjugated Polymer", <i>Journal American Chemical Society</i> , 1998, pp. 5187-5192, Vol. 120, American Chemical Society	
		YANG, JYE-SHANE and SWAGER, TIMOTHY M., "Porous Shape Persistent Fluorescent Polymer Films: An Approach to TNT Sensory Materials", <i>Journal American Chemical Society</i> , 1998, pp. 5321-5322, Vol. 120, American Chemical Society	
		YANG, JYE-SHANE and SWAGER, TIMOTHY M., "Fluorescent Porous Polymer Films as TNT Chemosensors: Electronic and Structural Effects", <i>Journal American Chemical Society</i> , 1998, pp. 11864-11873, Vol. 120, American Chemical Society	
		KIM, JINSANG; McQUADE, TYLER; McHUGH, SEAN K; and SWAGER, TIMOTHY M., "Ion-Specific Aggregation in Conjugated Polymers: Highly Sensitive and Selective Fluorescent Ion Chemosensors", <i>Angew. Chem. Int. Ed.</i> , 2000, pp. 3868-3872, Vol. 39, No. 21, Wiley-VCH Verlag GmbH, Germany	

Examiner Signature		Date Considered	
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